

FIG. 1A PRIOR ART

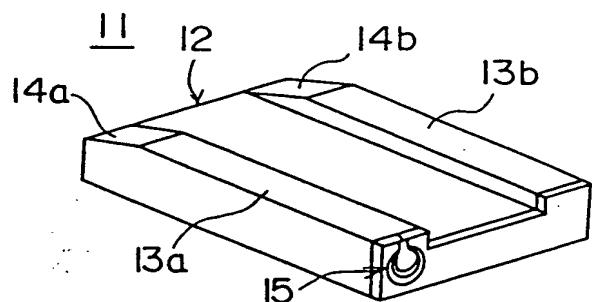


FIG. 1B PRIOR ART

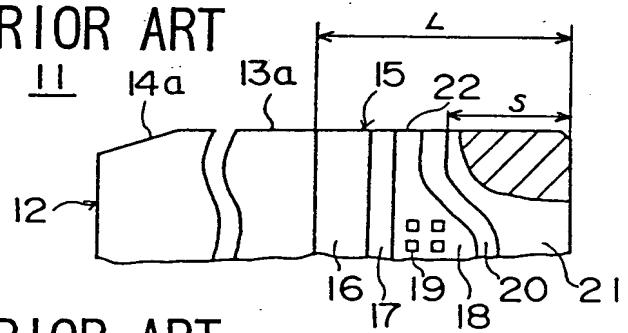


FIG. 1C PRIOR ART

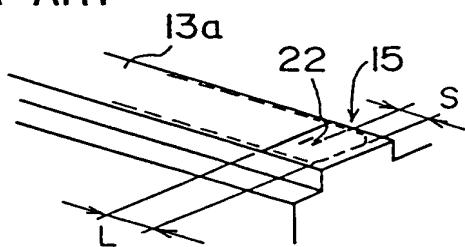


FIG. 2 PRIOR ART

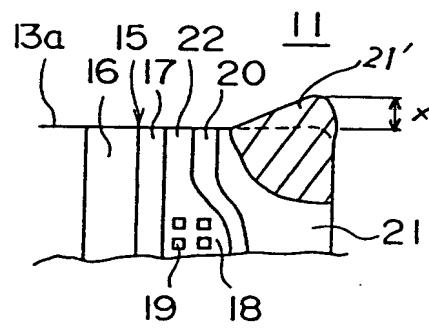


FIG. 3A

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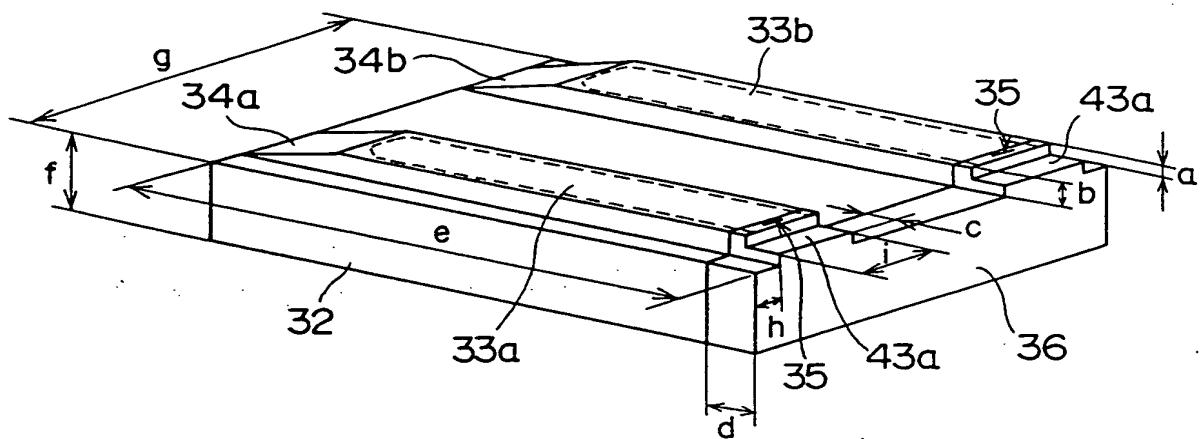


FIG. 3B

31

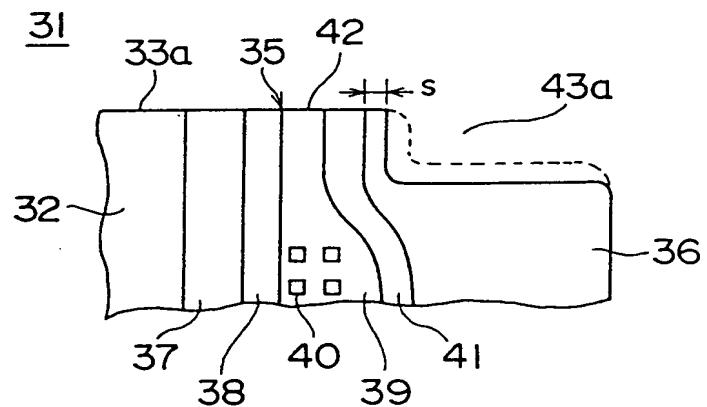


FIG. 4A

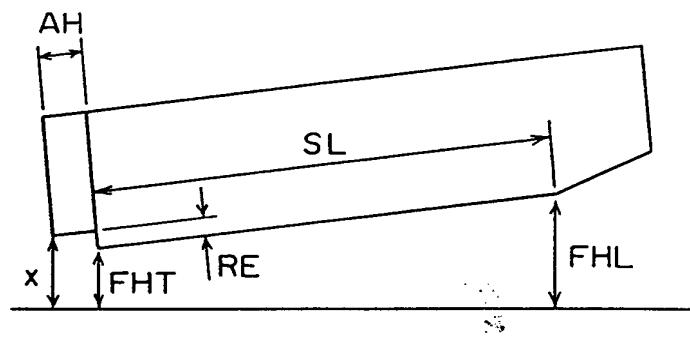
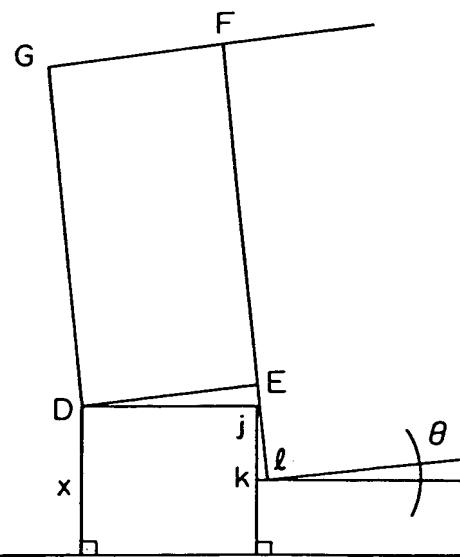


FIG. 4B



F I G. 5

APPARATUS	TEMPERATURE RISE (NOT CONDUCTING)	[nm]				
		0	1 0 °C	2 0 °C	3 0 °C	4 0 °C
APPARATUS 1	13.92	7.92	1.92	- 4.08	- 10.08	- 16.08
APPARATUS 2	5.74	- 0.26	- 6.26	- 12.26	- 18.26	- 24.26

FIG. 6A

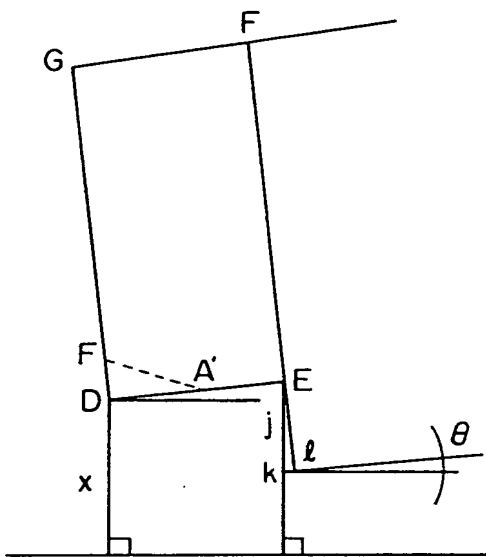


FIG. 6B

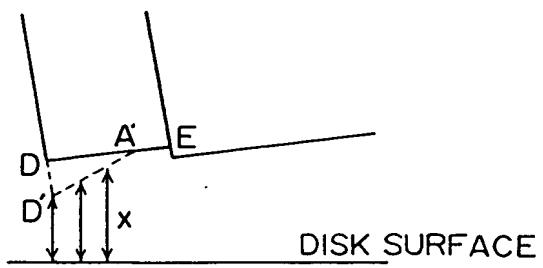


FIG. 7

		[nm]				
		45 [ $\mu$ m]	40	35	30	25
TEMPERATURE RISE						
1	0 °C	- 0.26	+ 1.42	+ 3.09	+ 4.76	+ 6.44
2	0 °C	- 6.26	- 3.38	- 0.51	+ 2.36	+ 5.24
3	0 °C	-12.26	- 8.18	- 4.11	- 0.04	+ 4.04

FIG.8

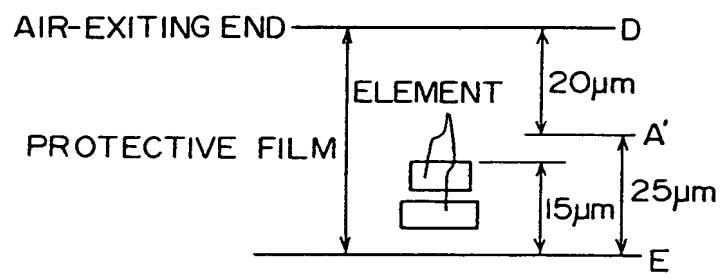


FIG. 9

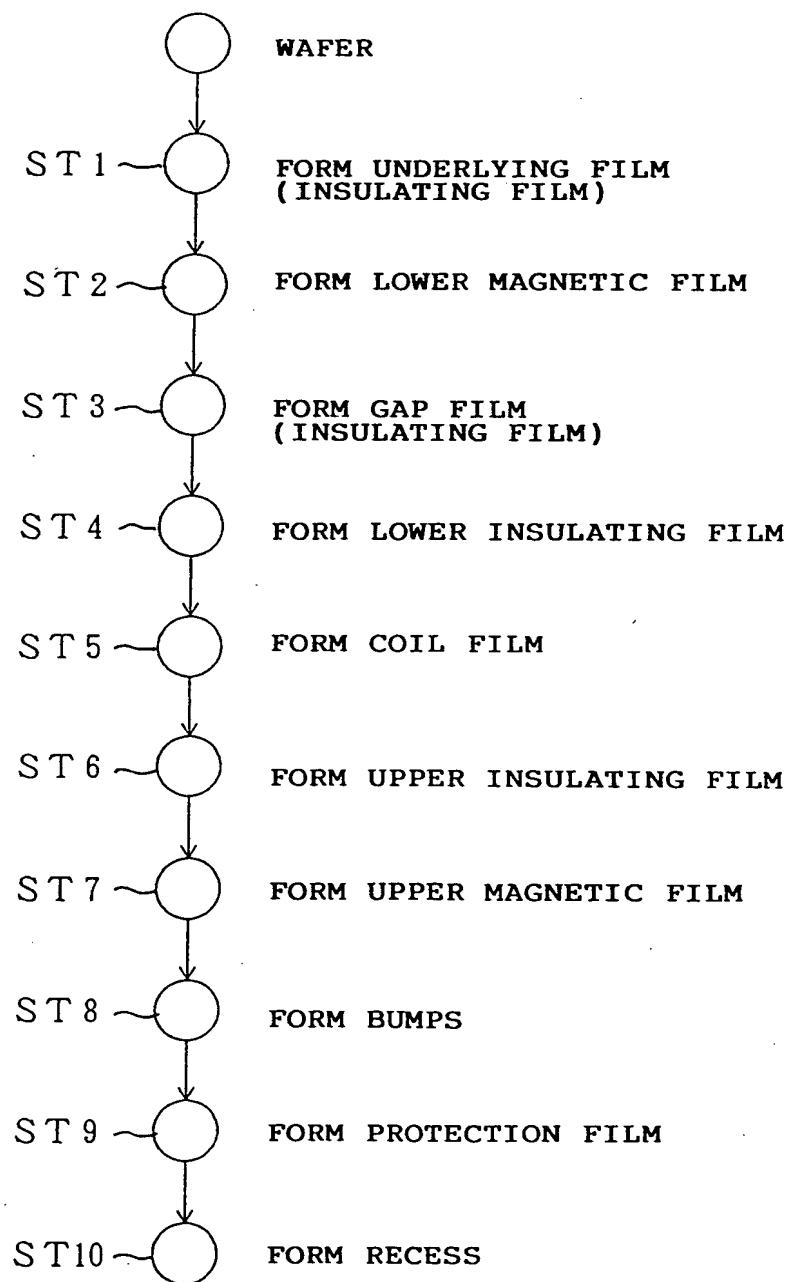


FIG. 10A

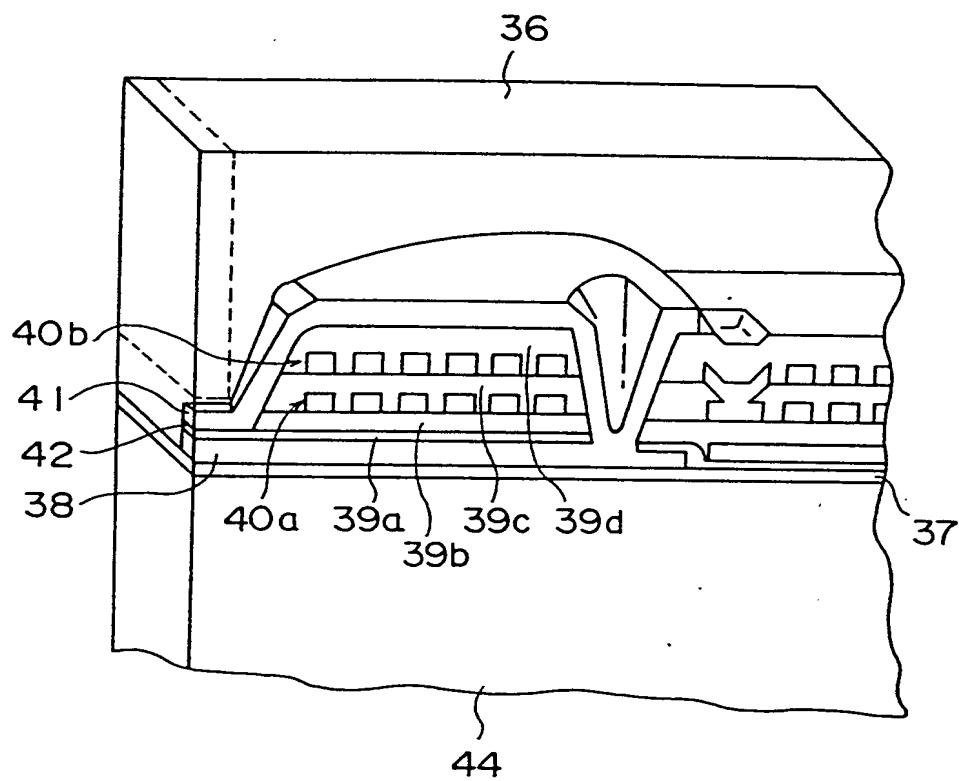
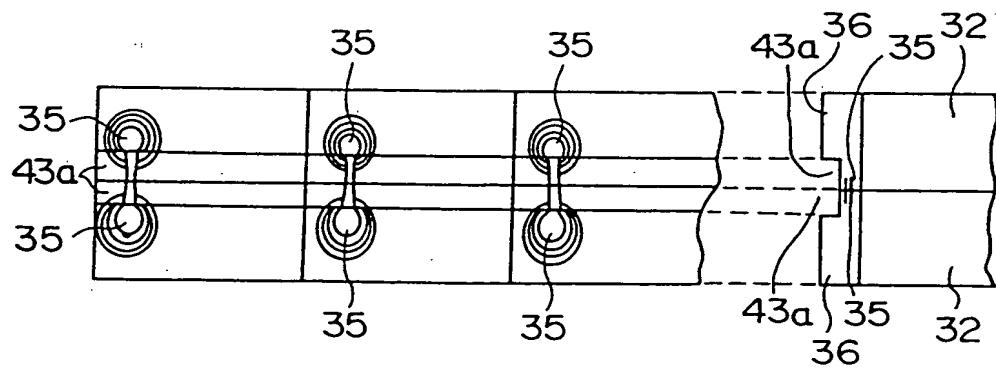


FIG. 10B



10200200-9000000000

FIG. 11A

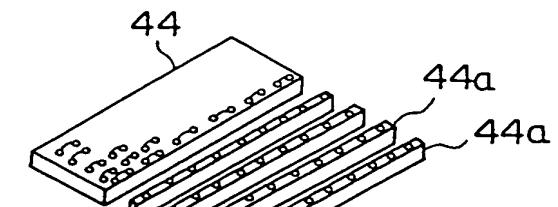


FIG. 11B

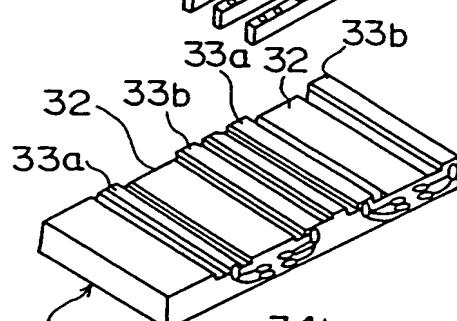


FIG. 11C

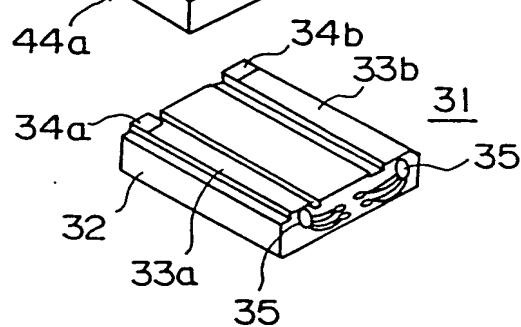


FIG. 11D

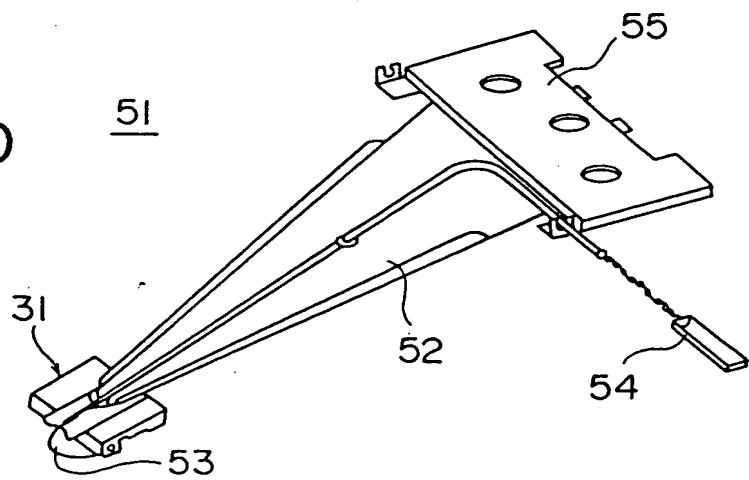


FIG. 12A

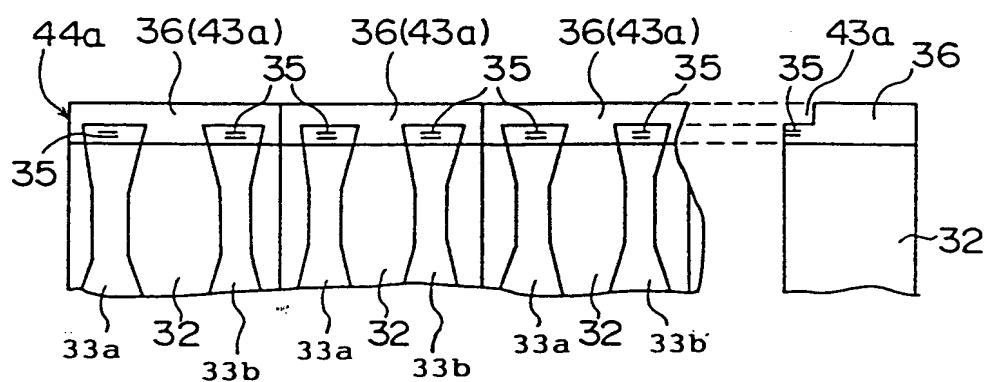


FIG. 12B

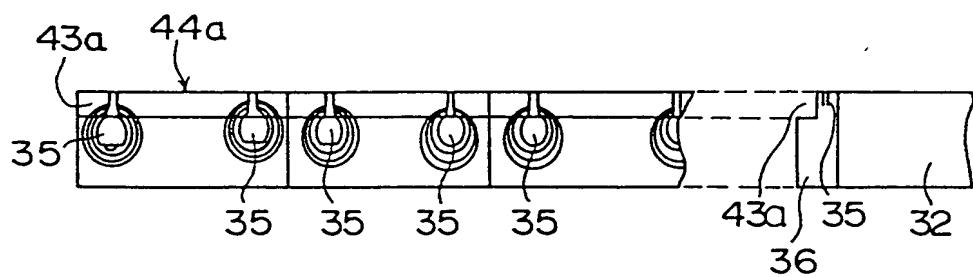


FIG. 13

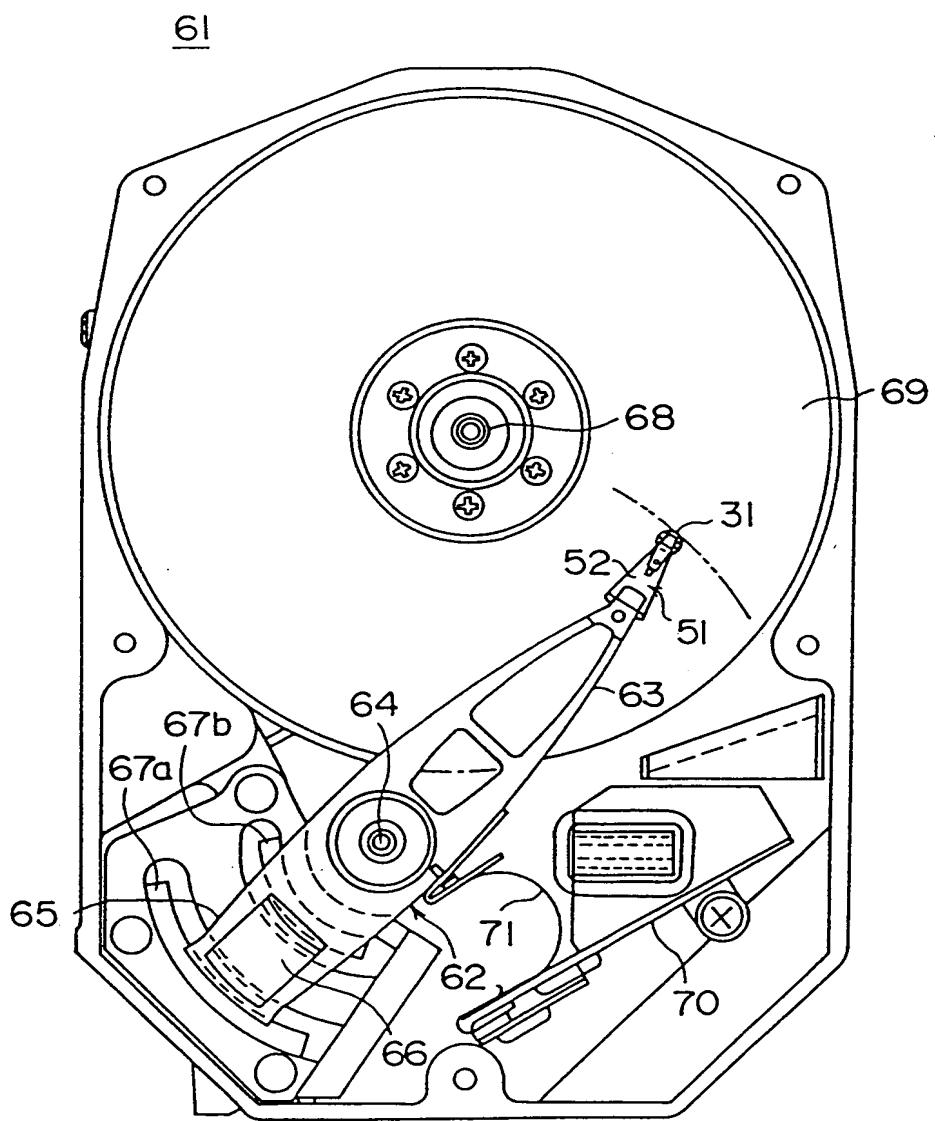


FIG. 14A

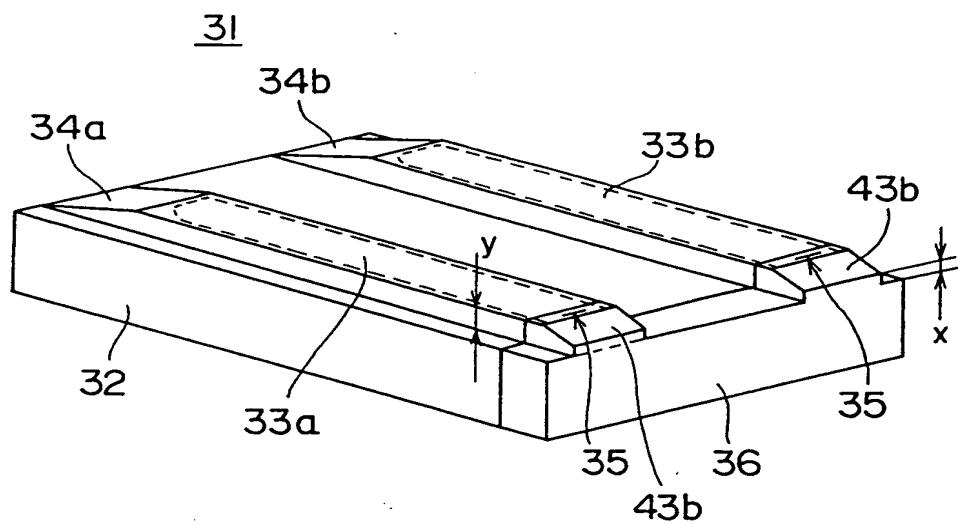


FIG. 14B

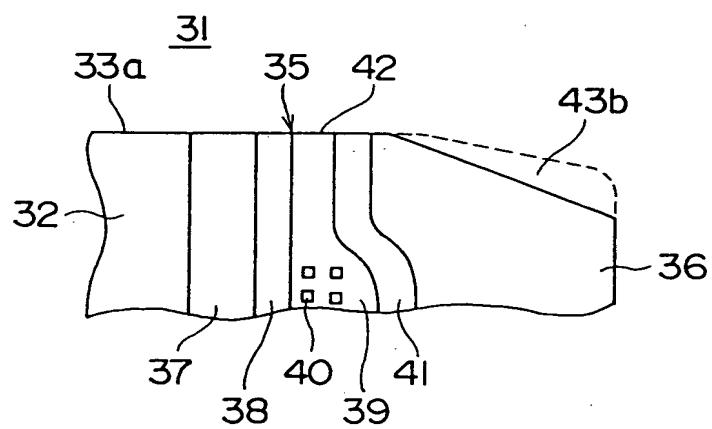


FIG. 15A

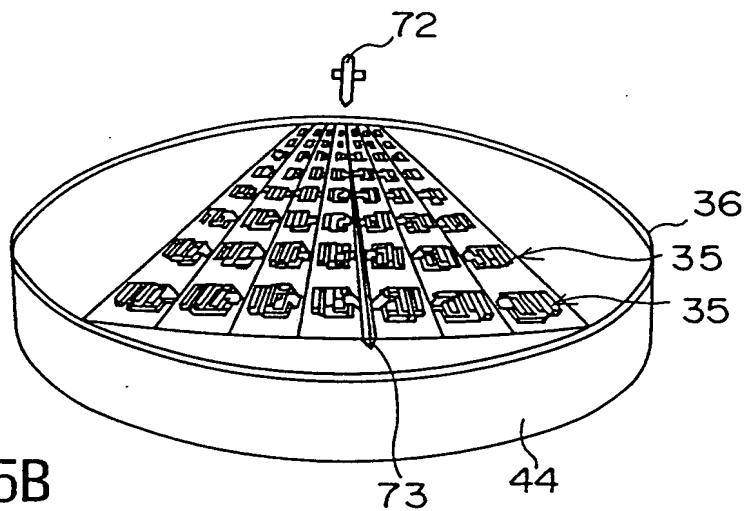


FIG. 15B

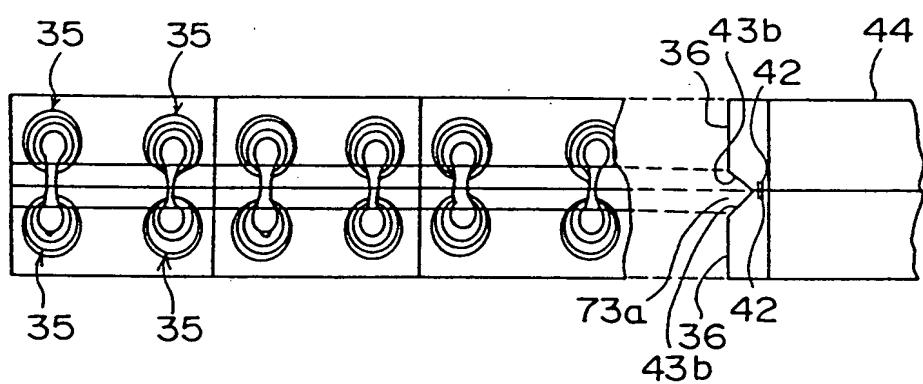


FIG. 16A

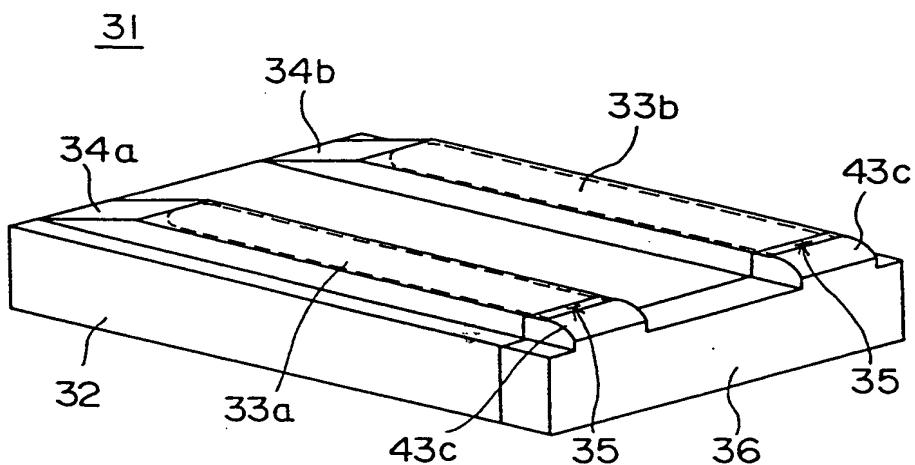


FIG. 16B

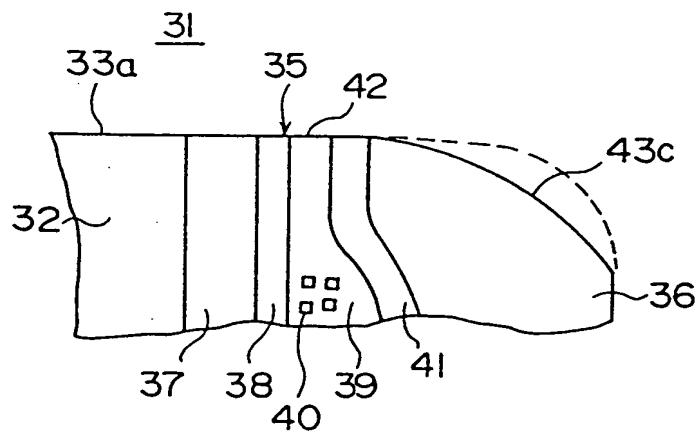


FIG. 17

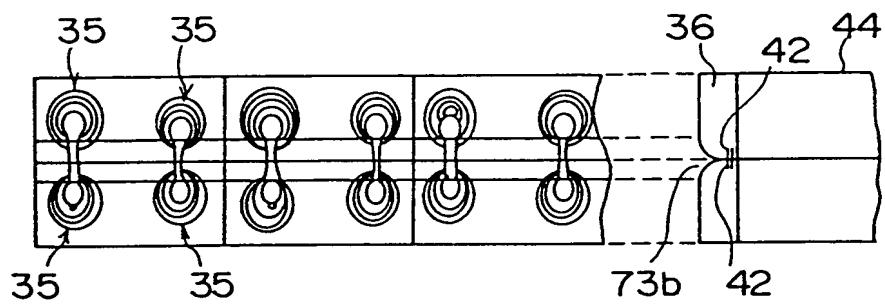


FIG. 18A

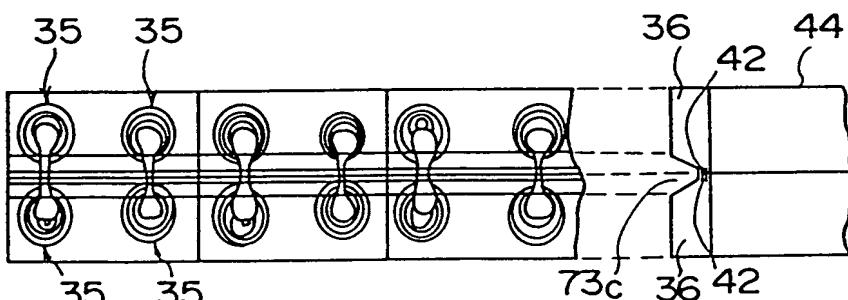


FIG. 18B

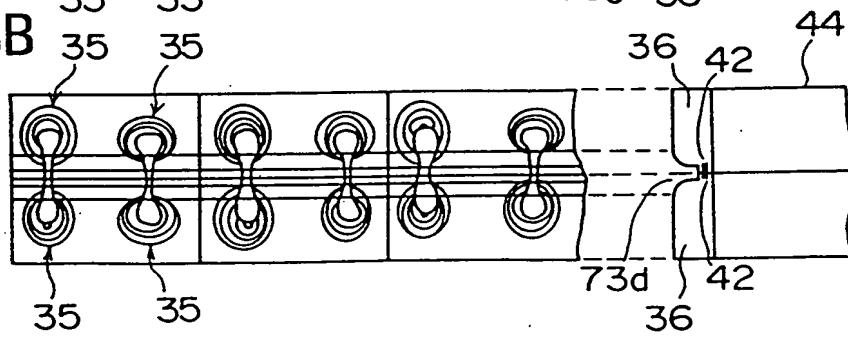


FIG. 19A

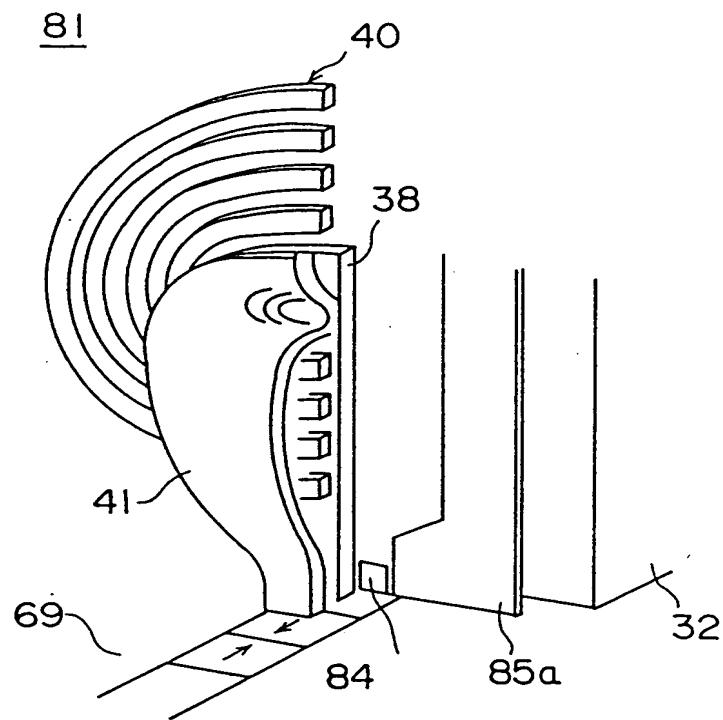


FIG. 19B

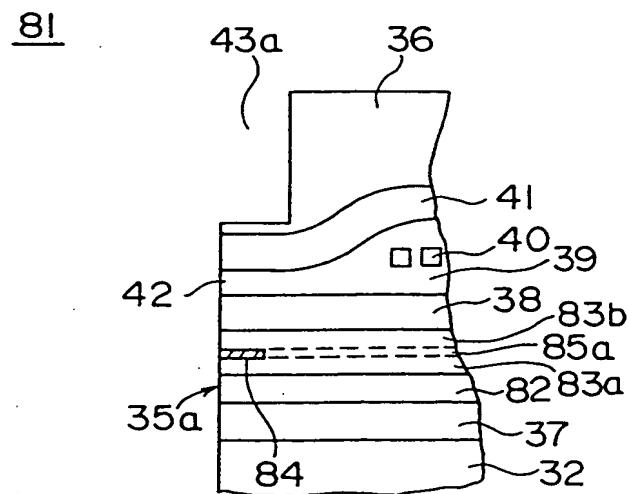


FIG. 20A FIG. 20B FIG. 20C

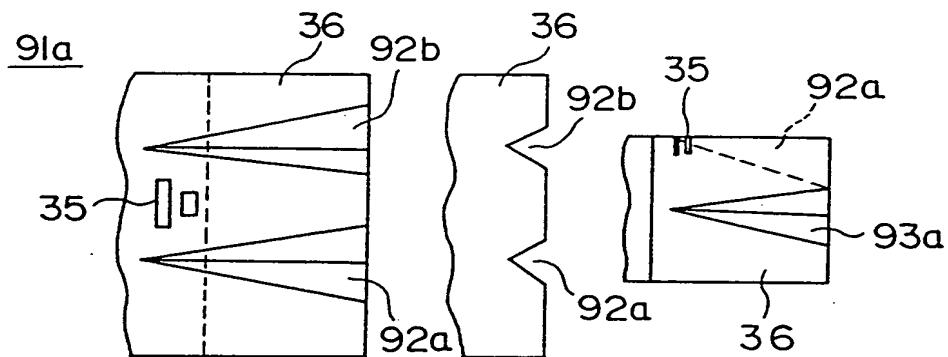


FIG. 21A FIG. 21B

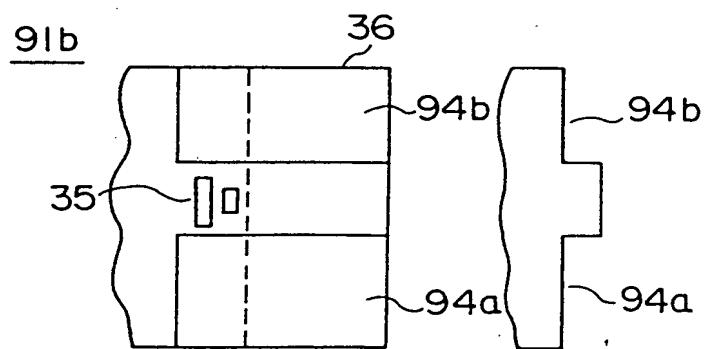


FIG. 21C

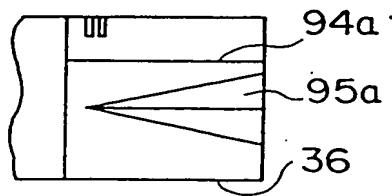


FIG. 22A  
PRIOR ART

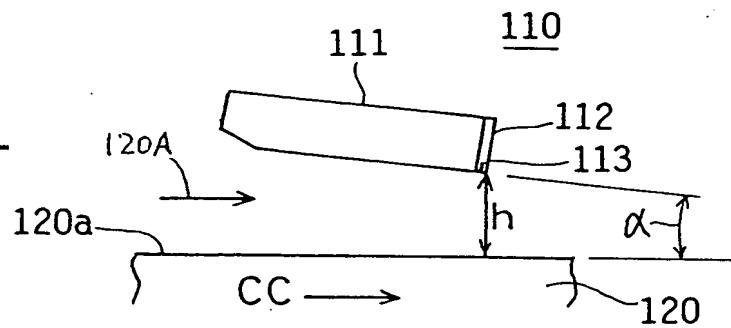


FIG. 22B  
PRIOR ART

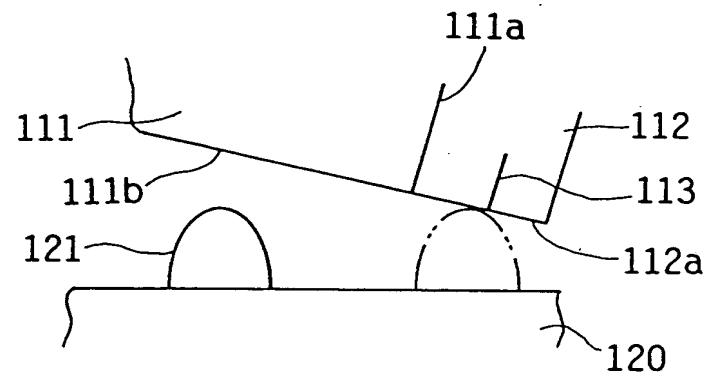


FIG. 22C  
PRIOR ART

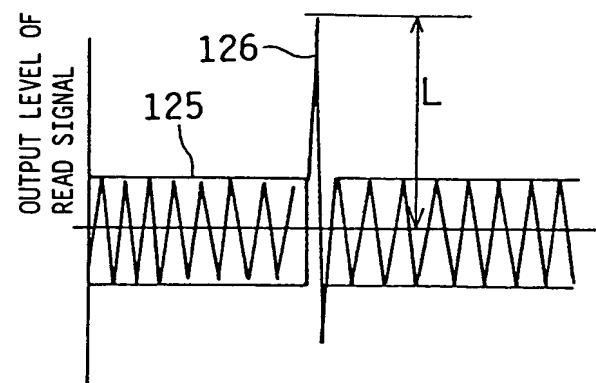


FIG. 23

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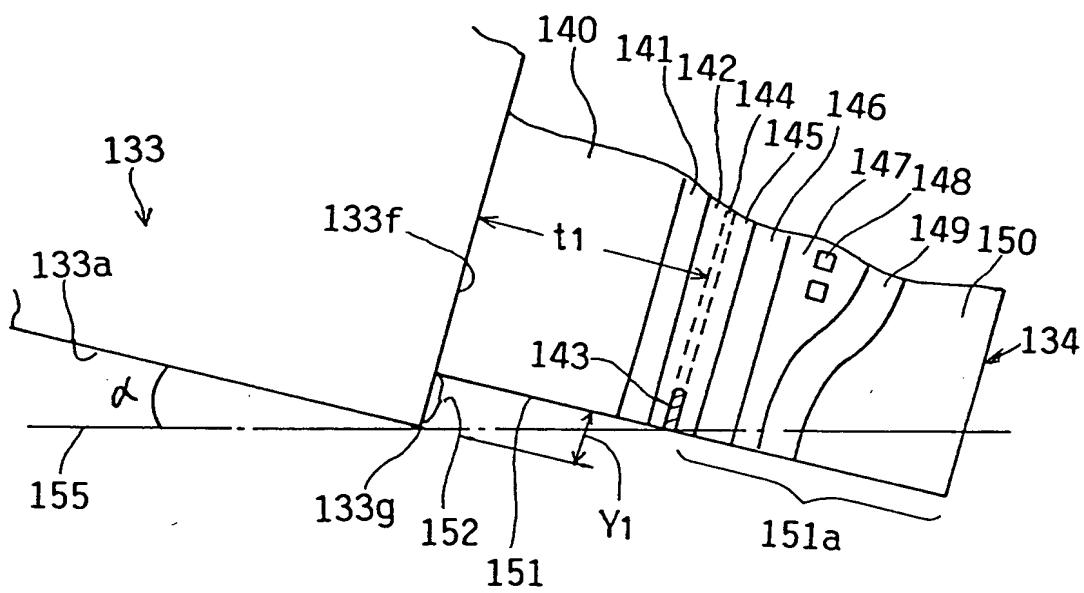


FIG. 24A

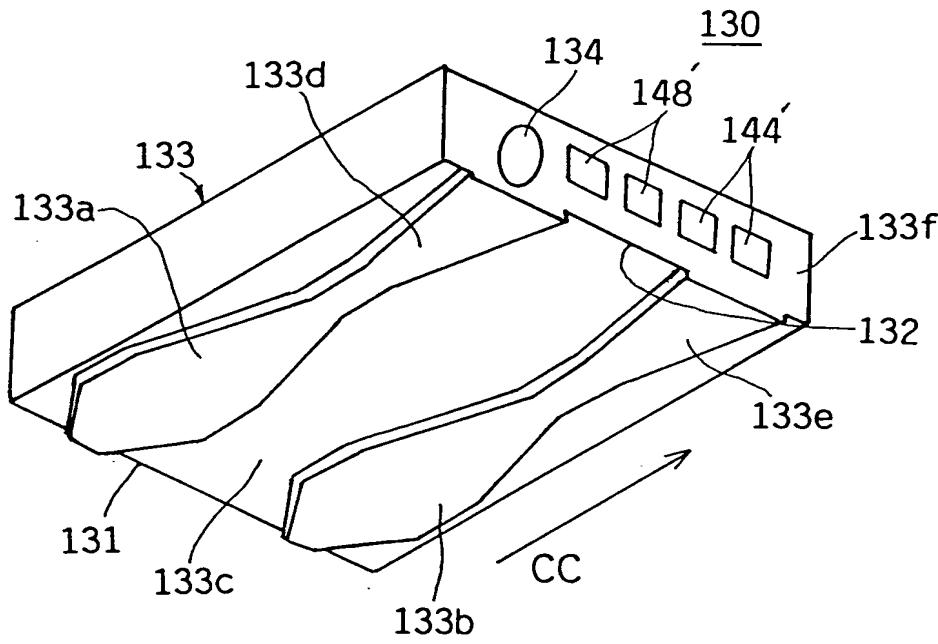


FIG. 24B

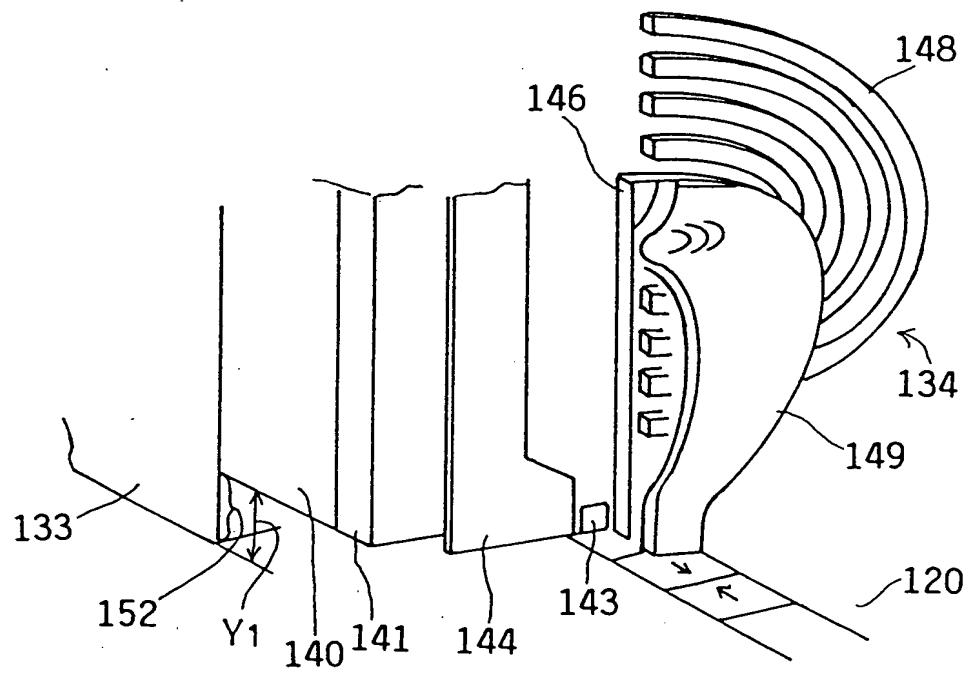


FIG. 25A

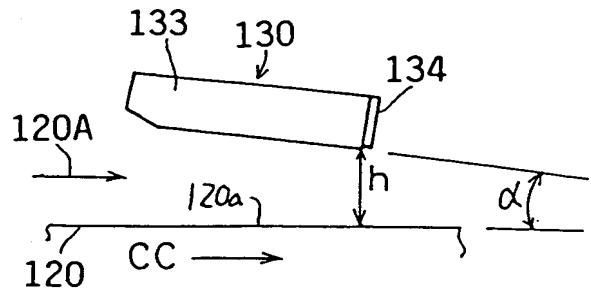


FIG. 25B

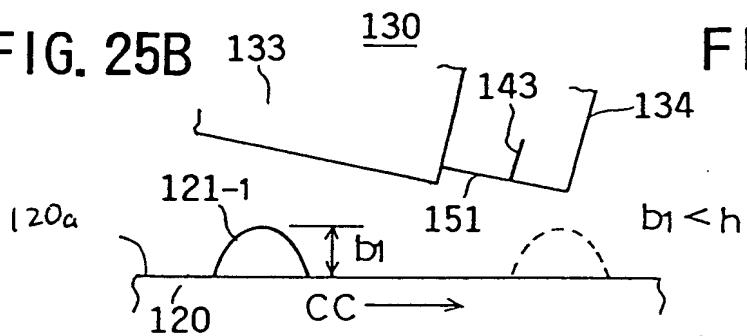


FIG. 25C

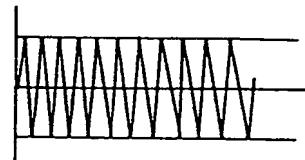


FIG. 25D

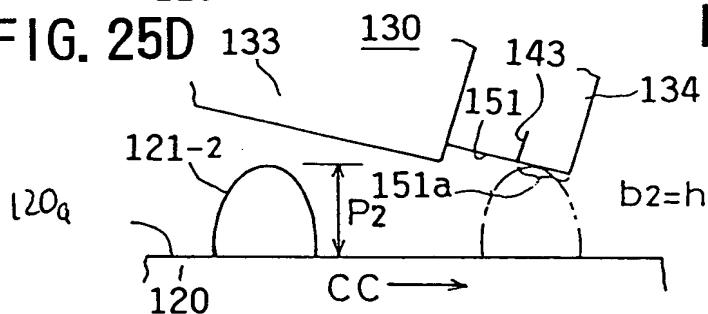


FIG. 25E

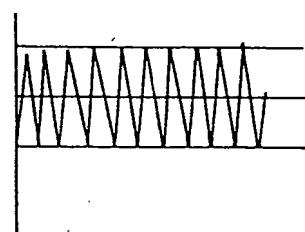


FIG. 25F

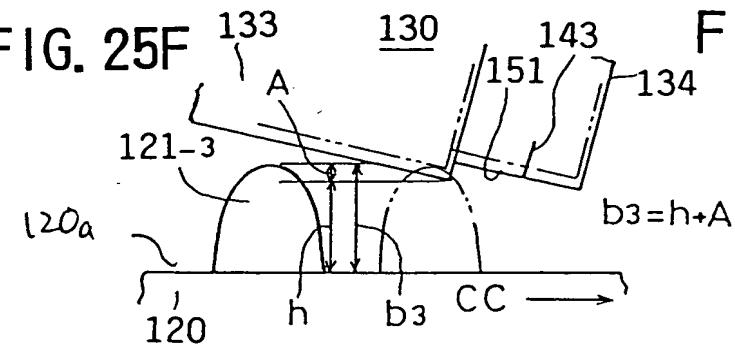


FIG. 25G

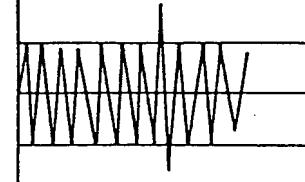


FIG. 26

130A

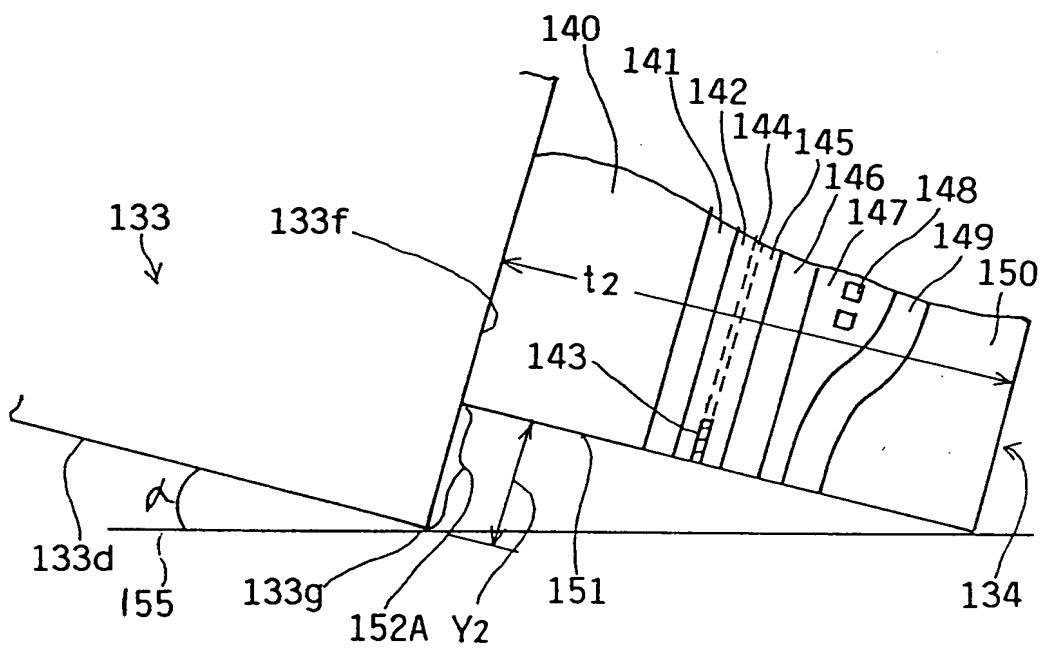


FIG. 27A

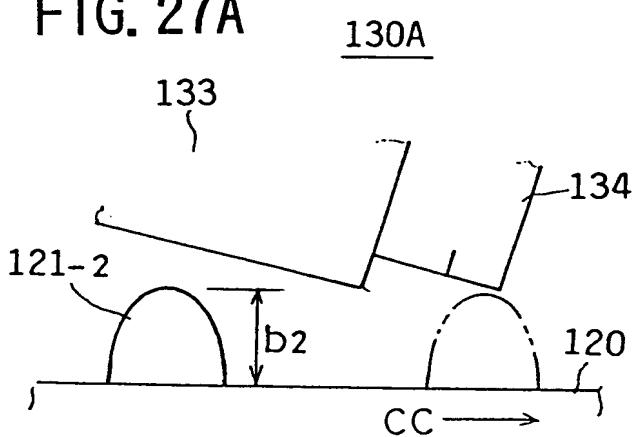


FIG. 27C 130A

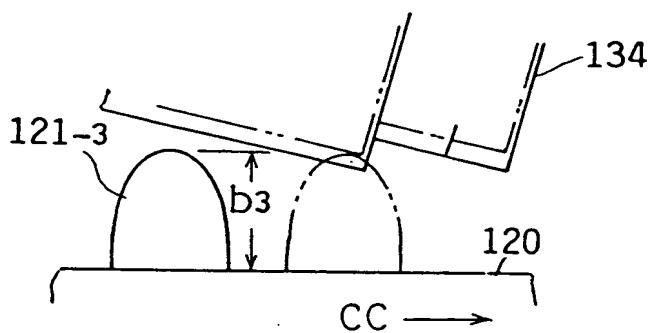


FIG. 27B

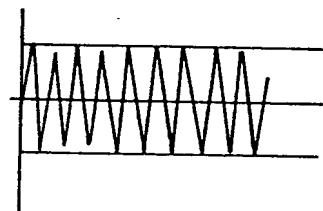


FIG. 27D

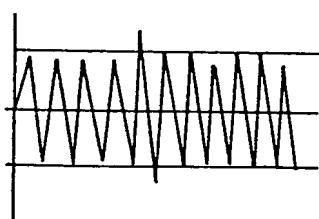


FIG. 28A

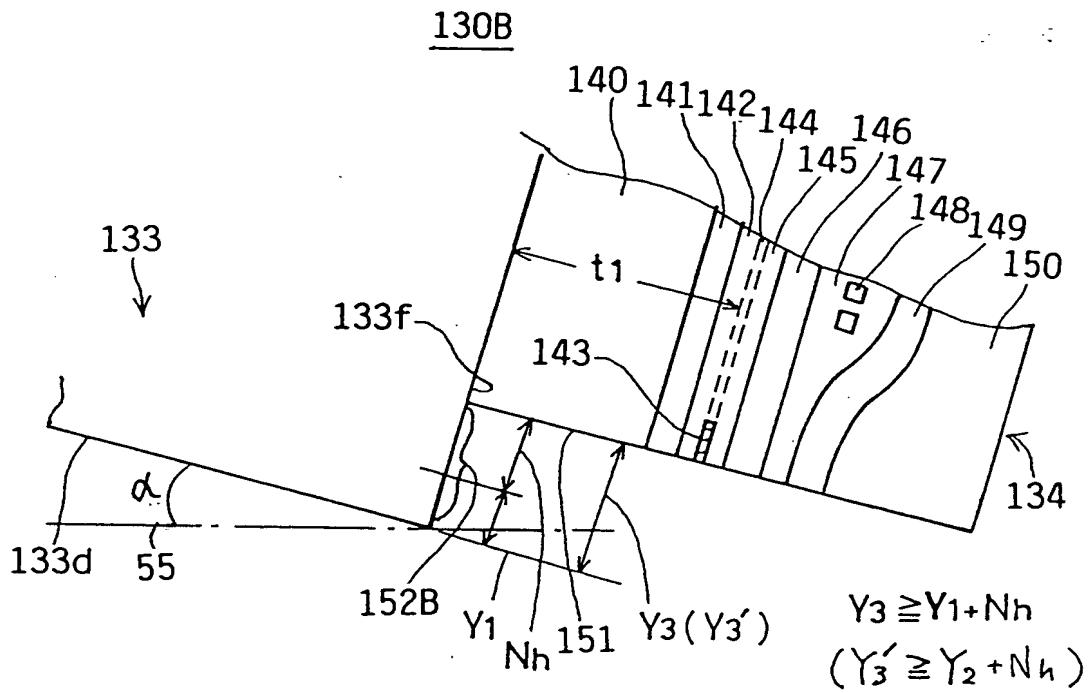


FIG. 28B

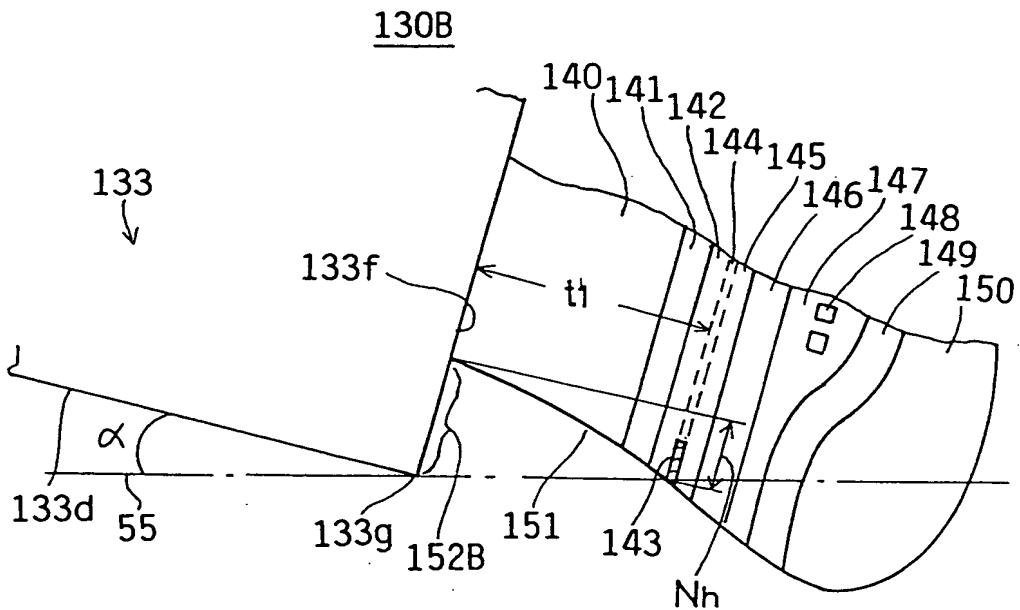
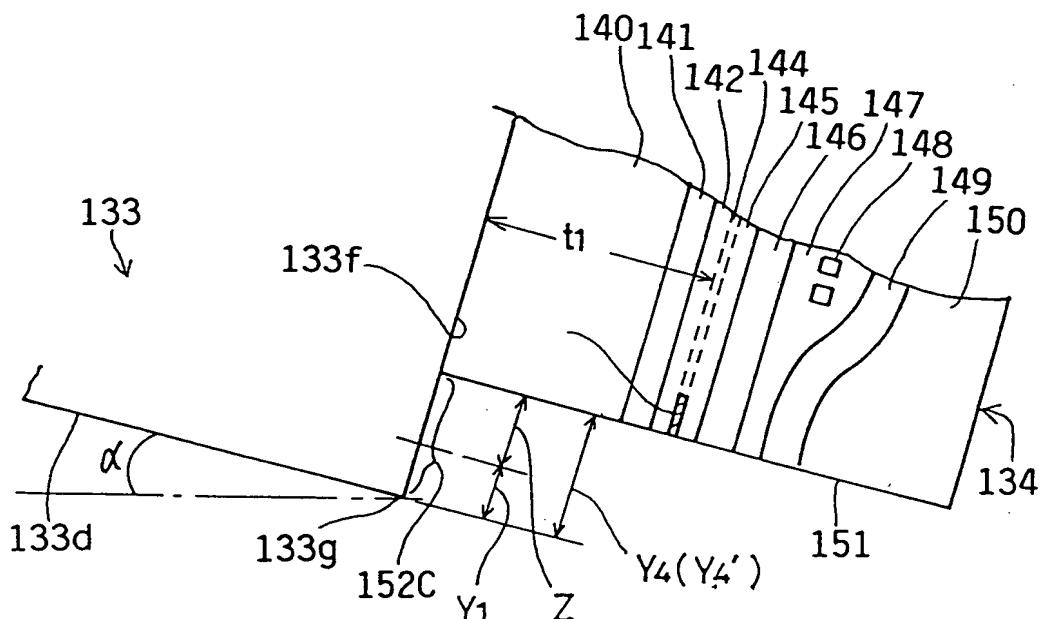


FIG. 29

130C



$$Y_4 \geq Y_1 + Z$$
$$(Y_4' \geq Y_2 + Z)$$

FIG. 30A

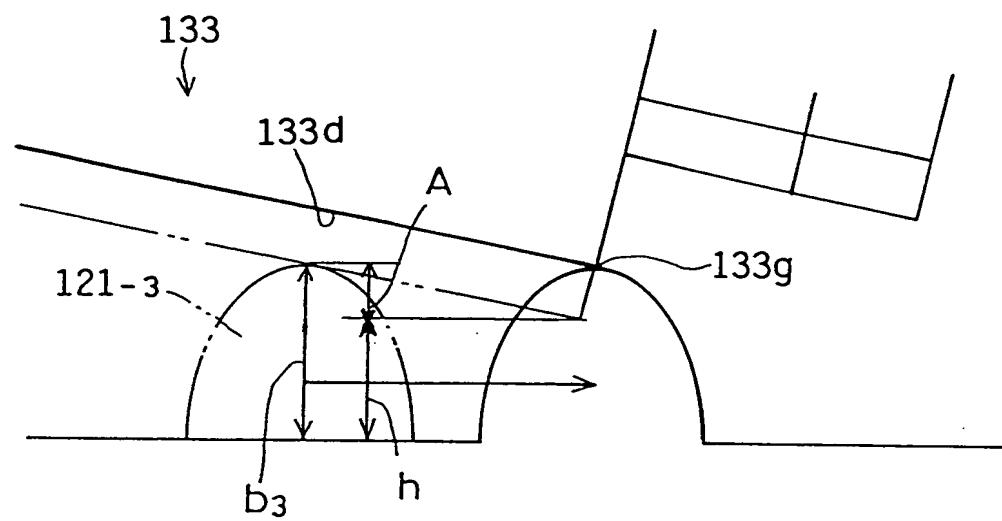


FIG. 30B

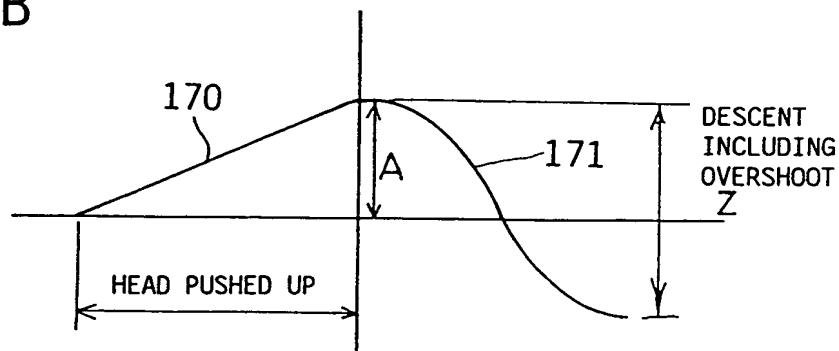


FIG. 31

130D

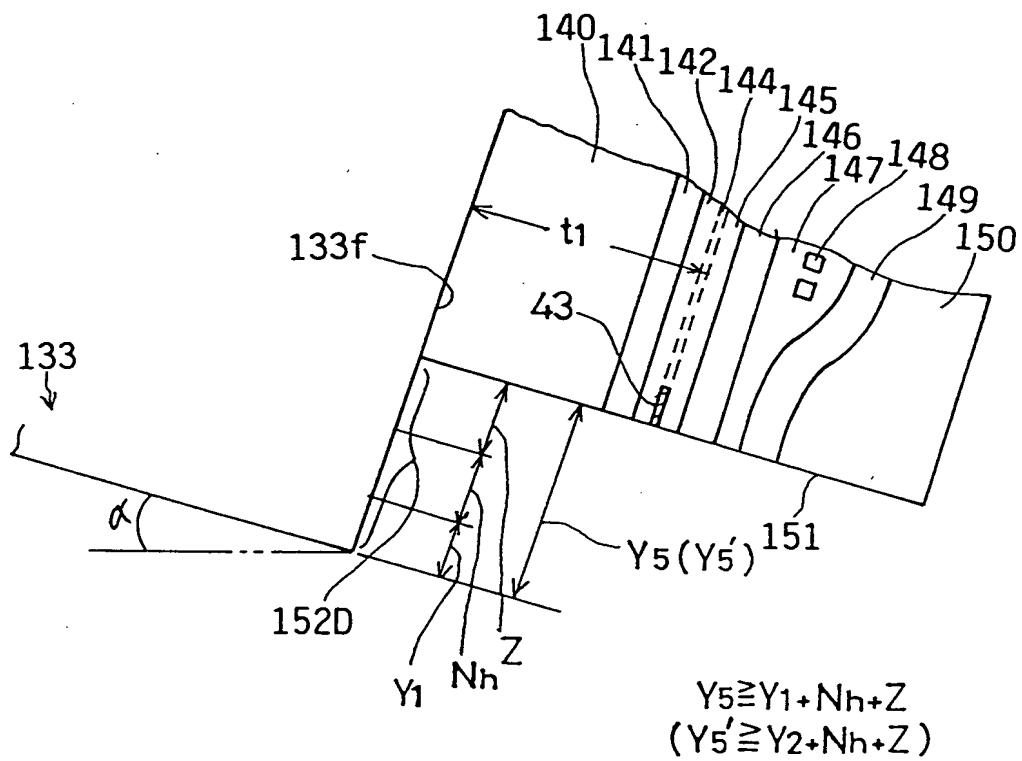


FIG. 32

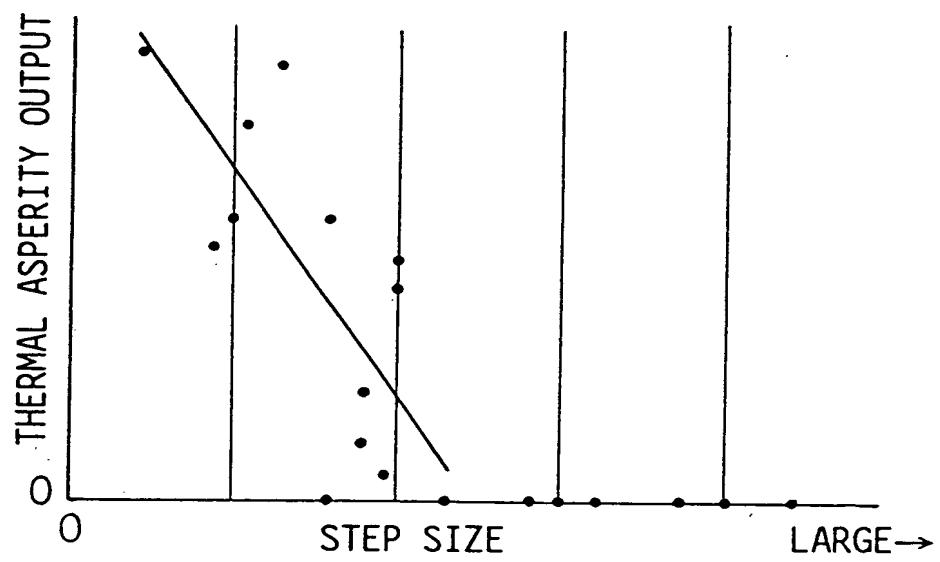


FIG. 33

61A

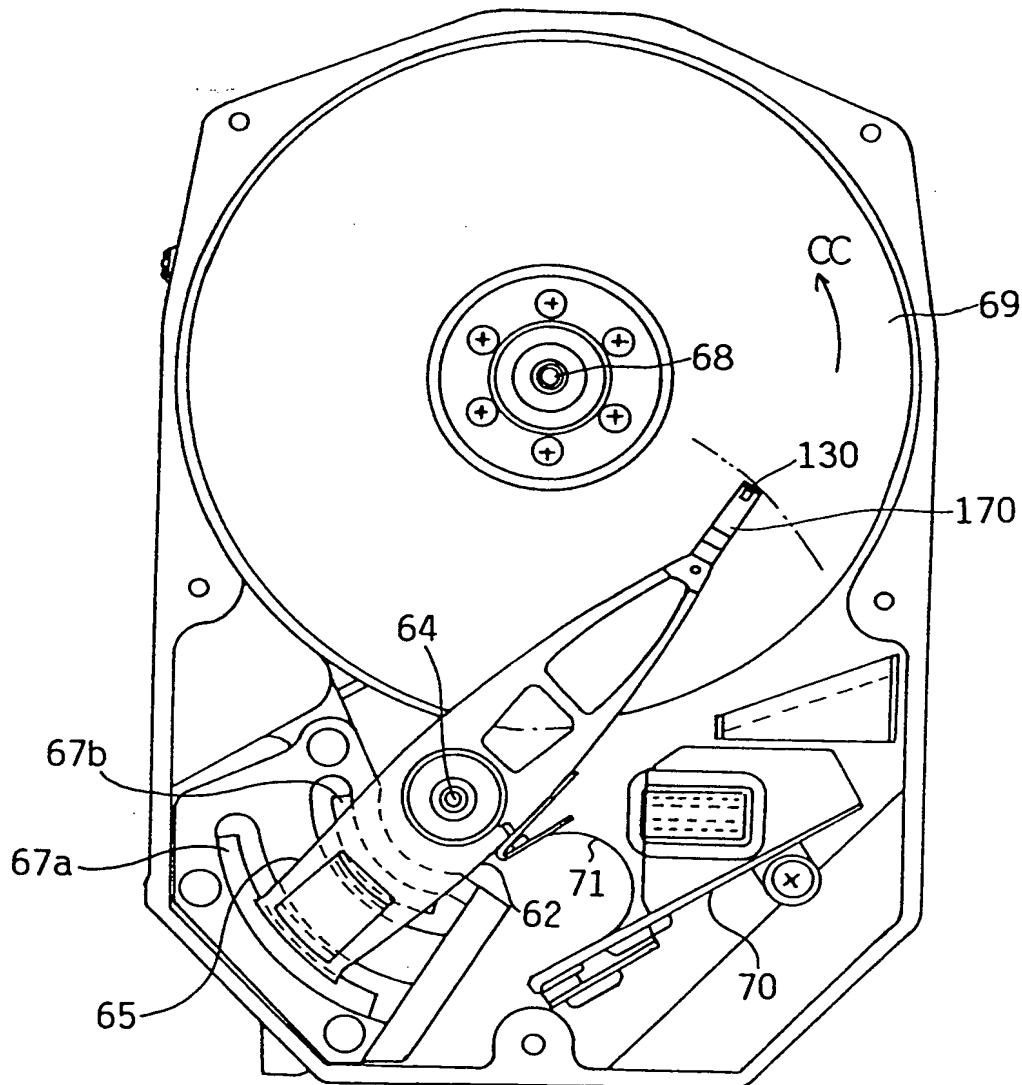


FIG. 34

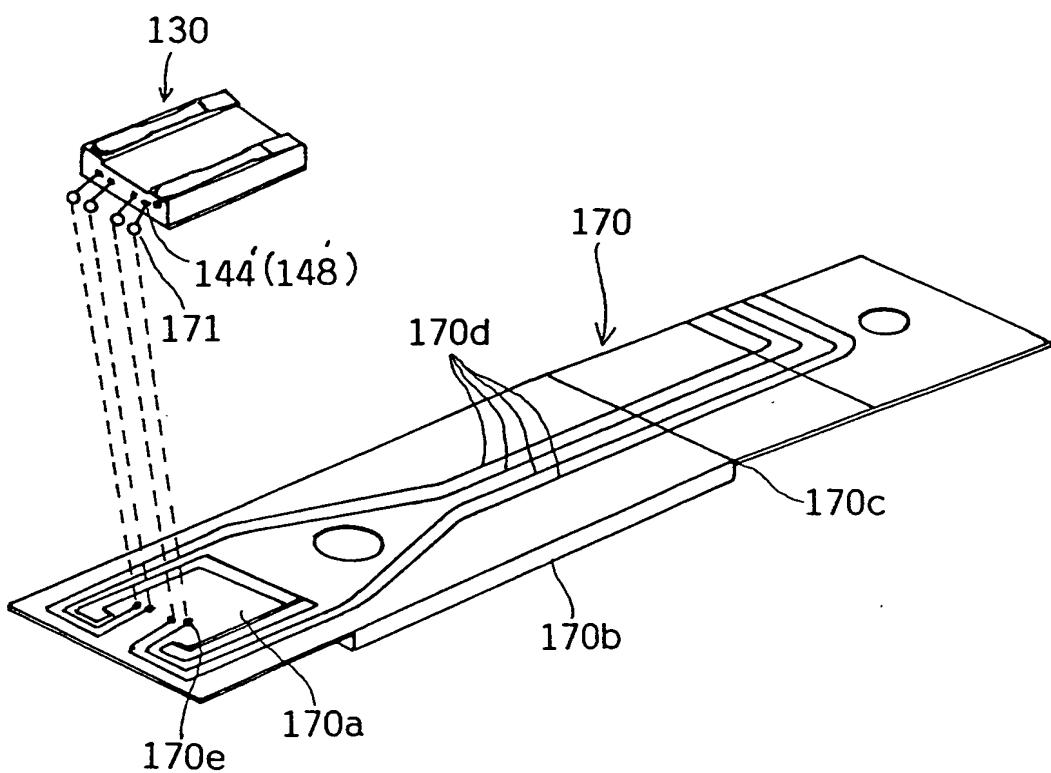


FIG. 25A

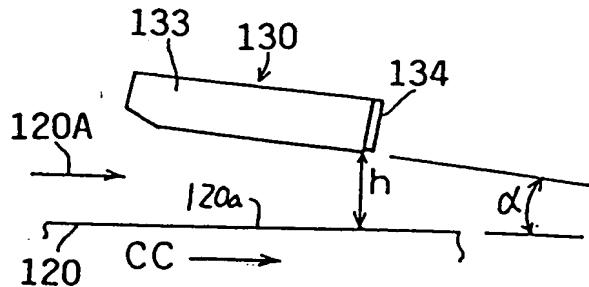


FIG. 25B

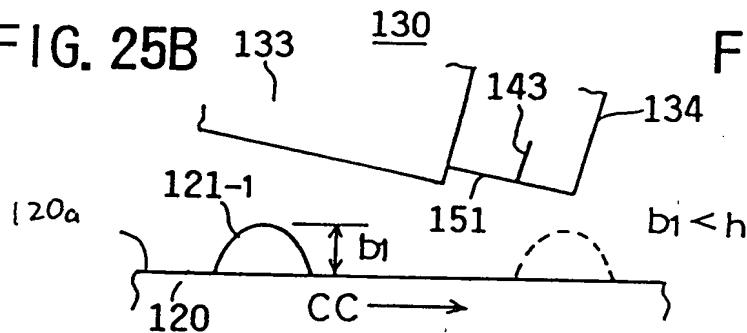


FIG. 25C

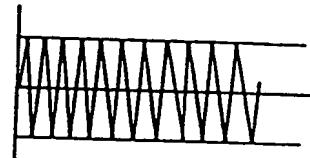


FIG. 25D

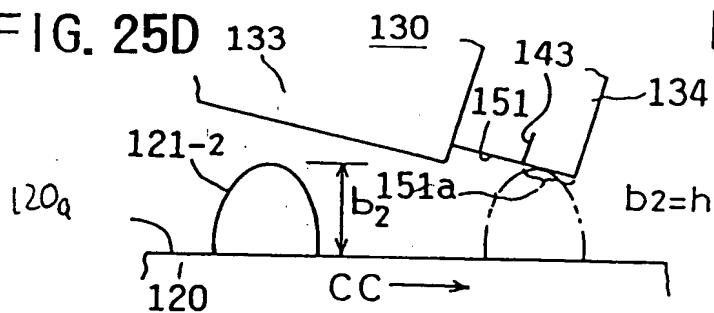


FIG. 25E

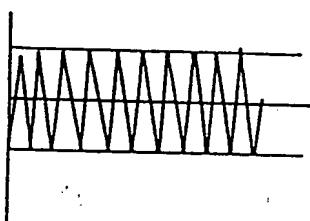


FIG. 25F

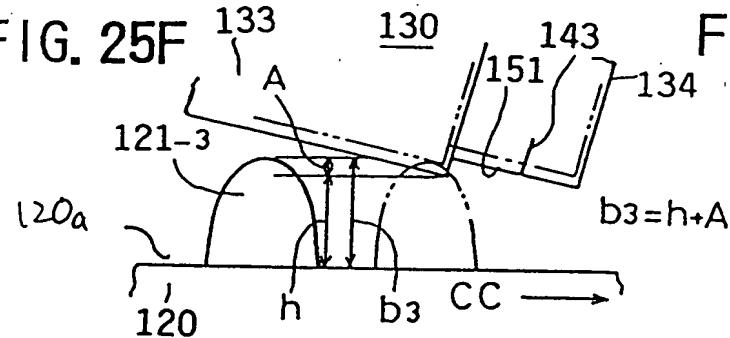


FIG. 25G

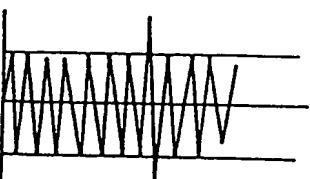


FIG. 28A

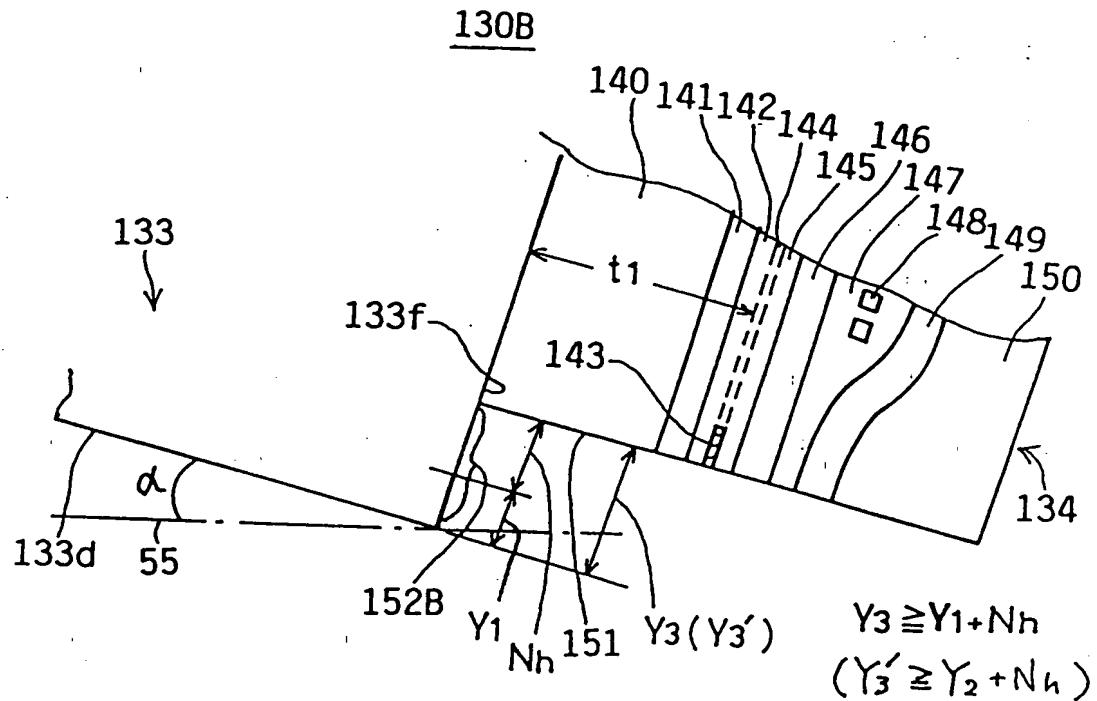


FIG. 28B

